

February 7, 2006

Mary L. Cottrell, Secretary  
Department of Telecommunications and Energy  
One South Station  
Boston, MA 02110

**Re: D.T.E. 05-86-E**

Dear Secretary Cottrell:

I am attaching the response of Massachusetts Electric Company and Nantucket Electric Company d/b/a National Grid to the Department's First Set of Information Requests in the above-captioned matter.

Thank you very much for your time and attention to this matter.

Very truly yours,

  
Amy G. Rabinowitz

INFORMATION REQUEST DTE 1-1

Request:

Please provide an estimated monthly bill impact for each rate class that will be affected by the proposed Arrearage Management Program filed in DTE 05-86. The bill impacts should show the projected effect on customers bills of implementing the proposed Arrearage Management Program during the first, second, and third year that the program will be in effect. Supply all assumptions and calculations relied upon to develop and support these estimated bill impacts.

Response:

There are three components of cost that comprise the total cost of the Low Income Arrears Management Plan ("LAMP"): arrears forgiveness, CAP Agency program support costs, and utility administration. Each is discussed in detail below the summary. Assumptions are listed in Attachment 1 to this response.

**Summary of Costs**

<b>Cost Category</b>	<b>Year One</b>	<b>Year Two</b>	<b>Year Three</b>
Arrears Forgiveness	\$279,353	\$573,409	\$735,139
CAP Agency Program Support	\$150,000	\$150,000	\$225,000
Utility Administration	\$225,000	\$0	\$0
<b>Total</b>	<b>\$654,353</b>	<b>\$723,409</b>	<b>\$960,139</b>

**Arrears Forgiveness**

Details of the calculation are contained in Attachments 2 through 4. The basis of this estimate is data extracted from the Company's collection system on January 31, 2006. All customers currently enrolled in the low income discount rate (Rate R-2) who were in the collection system were extracted.

The customers are grouped by arrears value into \$100 ranges (\$0 - \$100, \$100 - \$200, etc.). The average arrears per customer is calculated for each range of customers and the total number of customers in each range is provided. A summary of the results is contained in Attachment 2 under the heading "Customers Potentially Eligible for Program."

Next, the number of customers in each range who would enroll in the program is estimated (see Attachment 3). It was assumed that customers would qualify for the program and participate on a pro rata basis. For example, the \$400 - \$500 range has approximately 11% of the total customers (2,464 customers ÷ 22,462 customers), resulting in the assumption that 329 customers (11% of 3,000 customers) would enroll each year. Assumptions were developed regarding the success of customers enrolled in the program. Since this is a new program, the

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Company does not have experience on which to base a success rate, so three sets of assumptions were tested. A summary of the assumptions and associated cost illustrates the impact of varying the assumption:

Period	High	Medium	Low
Enrollment	100%	<b>100%</b>	100%
Six Months	95%	<b>85%</b>	80%
Twelve Months	90%	<b>75%</b>	60%
Eighteen Months	80%	<b>65%</b>	40%
Twenty Four Months	70%	<b>50%</b>	30%
Three Year Cost	\$1,779,037	<b>\$1,587,901</b>	\$1,391,864

For purposes of responding to this information request, the Medium scenario is used in this estimate. Therefore, the Company is assuming that 50% of customers who enroll would complete the entire twenty-four month program.

*A Maximum Amount Forgiven per Account* is calculated based on the average arrears for each range and the program formula for arrears forgiveness: the amount forgiven is 2/3 of the arrears or \$1,000, whichever is less. The *Amount Forgiven at Each Milestone* is calculated by dividing the *Maximum Amount* by five, since twenty percent of arrears will be forgiven at each successful scheduled review. The *Total Amount Forgiven at each Milestone* is calculated by multiplying the *Amount Forgiven at Each Milestone* by the *Number of Customers Active at each Milestone*.

Finally, the amount forgiven is set up to model cash flow by assuming that an equal number of customers would enroll each month over the first three years and that attrition would occur evenly each month (see Attachment 4). The amounts are totaled for each of the first three twelve month periods. The Company agreed with the National Consumer Law Center, Action Energy, and the Massachusetts Attorney General to review the program and consider increasing enrollment in the second twelve-month period. Although the Company is still committed to the review, it has simplified this calculation by assuming constant enrollment of 3,000 customers per year. If a decision is made to increase enrollment, then the total cost will be higher than estimated

### **CAP Agency Program Support Cost**

CAP Agencies will perform the qualification, enrollment, and follow-up function for LAMP. The Company will pay the CAP agency \$50 whenever a customer is enrolled and an additional \$50 when a customer successfully completes the program. The additional payment is meant to recognize the ongoing cost of providing follow-up support to ensure success.

The Company estimates the cost of program support by multiplying the number of customers enrolled, which is contained in Attachment 2, by \$50, and by multiplying the number who successfully complete the program by \$50. The number completing the program is also

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contained in Attachment 3. A summary of the costs is contained in Attachment 5. The Company assumes constant enrollment at 3,000 per year.

Since the program is twenty-four months long, no customers would likely make their final payment and therefore complete the program within the first two years. The Company assumes that 50% of customers who enroll will successfully complete the program, so half the customers who enroll in year one, or 1,500, would complete the program in year three.

### **Administration**

The only explicit cost of administration in this estimate is the cost to modify the customer system to accommodate LAMP. The current estimate is that it will require approximately 2,250 hours of programming and testing time at an average rate of \$100 per hour, including associated overhead costs. This cost is solely attributable to the implementation of this program and would otherwise not be incurred. The Company hires external resources to augment employees who perform this work. The level of effort required to complete the technology changes is incremental.

The Company is not including an estimate of the cost of any other administrative duties. It is difficult to estimate with any certainty how much will be required to support the ongoing maintenance and administration of the program since the Company does not have experience in this arena. The Company may seek recovery of other administrative costs if they are significant.

### **Offsets to Costs**

The Company understands that the cost of the program net of any benefits will be recoverable through its rates to all customers. The Company acknowledges that benefits may accrue as a result of implementing the program, but due to the lack of experience with programs like LAMP, the Company lacks the ability to estimate benefits with any degree of certainty. The Department has asked for an estimate of bill impacts of implementing the program. Due to the difficulty of estimating benefits and for the sake of being conservative, the Company has chosen to assume that any potential cost savings are negligible.

### **Bill Impact**

The estimated impact of LAMP based upon the annual estimated cost for the first three years is provided in Attachments 6, 7 and 8 to this response. Attachment 6 provides the per kWh impact of LAMP based upon the annual estimated costs of \$654,353 in year 1, \$723,409 in year 2, and \$960,139 in year 3. Attachment 7 illustrates the estimated bill impacts in year 1 for all of the Company's rate classes except the streetlight rates. Attachment 8 illustrates the estimated bill impacts, except for years 2 and 3, for which the per kWh impact is the same. As can be seen in Attachments 7 and 8, the dollar impact relative to the monthly amount billed under each rate class is so small that it does not generate a value for a percentage impact.

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Prepared by or under the supervision of: Gary W. Grant and Theresa M. Burns

## Program Assumptions

### Eligibility

- Customer must be an active residential customer of National Grid in Massachusetts.
- Customer must be enrolled in the low income discount rate (Rate R-2).
- Customer must have between \$150 and \$3,000 in arrears.
- CAP agencies will only refer those customers who have a reasonable chance of completing a twenty-four month payment agreement.

### Program Design Elements

- The amount to be forgiven is the lesser of 2/3 of the pre-plan arrears or \$1,000.
- The remaining arrears will be placed on a twenty-four month payment agreement.
- The payment agreement will be a constant level payment meant to cover both the current portion of the bill and arrears.
- A maximum of 3,000 customers may enroll annually. The Company has committed to discuss expanding enrollment after the first year of LAMP.
- Arrears will be forgiven at enrollment and at each scheduled review period so long as the customer is behind in payments by no more than one month.
- Amount forgiven at each point is twenty percent of the total eligible to be forgiven.
- Scheduled review periods are at six, twelve, eighteen, and twenty-four months after enrollment.
- Customers who are two or more months behind in payments at the time of a scheduled review will be dropped from the program.
- Customers may only enroll in the program one time.

Customers Potentially Eligible for LAMP

<b>Customers Potentially Eligible for LAMP</b>			
Arrears Range	Average Arrears	Number of Customers	Total Arrears
\$100 - \$200	\$174.15	3,573	\$622,242
\$200 - \$300	\$246.56	5,418	\$1,335,860
\$300 - \$400	\$346.55	3,637	\$1,260,389
\$400 - \$500	\$447.01	2,464	\$1,101,423
\$500 - \$600	\$547.24	1,777	\$972,446
\$600 - \$700	\$647.86	1,233	\$798,814
\$700 - \$800	\$748.79	874	\$654,443
\$800 - \$900	\$848.35	655	\$555,667
\$900 - \$1,000	\$949.31	513	\$486,994
\$1,000 - \$2,000	\$1,358.04	1,809	\$2,456,686
\$2,000 - \$3,000	\$2,430.34	509	\$1,237,045
<b>Total</b>	<b>\$511.17</b>	<b>22,462</b>	<b>\$11,482,010</b>

Detailed Cost Estimate

Customers Potentially Eligible for Program				Customers Active at each Milestone					Maximum Amount Forgiven per Account	Amount Forgiven at Each Milestone
Arrears Range	Average Arrears	Number of Customers	Total Arrears	Annual Enrollments	Customers Active at Month Six	Customers Active at Month Twelve	Customers Active at Month Eighteen	Customers Active at Month Twenty Four		
\$100 - \$200	\$174.15	3,573	\$622,242	477	406	358	310	239	\$116.10	\$23.22
\$200 - \$300	\$246.56	5,418	\$1,335,860	724	615	543	470	362	\$164.37	\$32.87
\$300 - \$400	\$346.55	3,637	\$1,260,389	486	413	364	316	243	\$231.03	\$46.21
\$400 - \$500	\$447.01	2,464	\$1,101,423	329	280	247	214	165	\$298.00	\$59.60
\$500 - \$600	\$547.24	1,777	\$972,446	237	202	178	154	119	\$364.83	\$72.97
\$600 - \$700	\$647.86	1,233	\$798,814	165	140	124	107	82	\$431.91	\$86.38
\$700 - \$800	\$748.79	874	\$654,443	117	99	88	76	58	\$499.19	\$99.84
\$800 - \$900	\$848.35	655	\$555,667	87	74	66	57	44	\$565.56	\$113.11
\$900 - \$1,000	\$949.31	513	\$486,994	69	58	51	45	34	\$632.87	\$126.57
\$1,000 - \$2,000	\$1,358.04	1,809	\$2,456,686	242	205	181	157	121	\$905.36	\$181.07
\$2,000 - \$3,000	\$2,430.34	509	\$1,237,045	68	58	51	44	34	\$1,000.00	\$200.00
<b>Total</b>	<b>\$511.17</b>	<b>22,462</b>	<b>\$11,482,010</b>	<b>3,000</b>	<b>2,550</b>	<b>2,250</b>	<b>1,950</b>	<b>1,500</b>		
					85%	75%	65%	50%		

Total Amount Forgiven at each Milestone							
Arrears Range	Amount Forgiven at Each Milestone	Enrollment	Six	Twelve	Eighteen	Twenty Four	Total
\$100 - \$200	\$23.22	\$11,081	\$9,419	\$8,311	\$7,203	\$5,540	\$41,553
\$200 - \$300	\$32.87	\$23,789	\$20,220	\$17,842	\$15,463	\$11,894	\$89,208
\$300 - \$400	\$46.21	\$22,445	\$19,078	\$16,834	\$14,589	\$11,222	\$84,168
\$400 - \$500	\$59.60	\$19,614	\$16,672	\$14,710	\$12,749	\$9,807	\$73,552
\$500 - \$600	\$72.97	\$17,317	\$14,720	\$12,988	\$11,256	\$8,659	\$64,939
\$600 - \$700	\$86.38	\$14,225	\$12,091	\$10,669	\$9,246	\$7,113	\$53,344
\$700 - \$800	\$99.84	\$11,654	\$9,906	\$8,741	\$7,575	\$5,827	\$43,703
\$800 - \$900	\$113.11	\$9,895	\$8,411	\$7,421	\$6,432	\$4,948	\$37,107
\$900 - \$1,000	\$126.57	\$8,672	\$7,371	\$6,504	\$5,637	\$4,336	\$32,521
\$1,000 - \$2,000	\$181.07	\$43,748	\$37,186	\$32,811	\$28,436	\$21,874	\$164,056
\$2,000 - \$3,000	\$200.00	\$13,596	\$11,557	\$10,197	\$8,838	\$6,798	\$50,986
<b>Total</b>		\$196,037	\$166,632	\$147,028	\$127,424	\$98,019	<b>\$735,139</b>





Estimate of CAP Agency Program Support Costs

	Enrollment Cost			Cost for Accounts Completing the Program			Total Cost
	Accounts Enrolled	Cost per Enrollment	Total Cost	Accounts Completing Program	Cost per Completion	Total Cost	
Year One	3,000	\$50.00	\$150,000	0	\$50.00	\$0	\$150,000
Year Two	3,000	\$50.00	\$150,000	0	\$50.00	\$0	\$150,000
Year Three	3,000	\$50.00	\$150,000	1,500	\$50.00	\$75,000	\$225,000
Total	9,000		\$450,000	1,500		\$75,000	<b>\$525,000</b>

Massachusetts Electric Company  
Nantucket Electric Company

Calculation of Estimated per kWh Impact of LAMP

Years 1, 2, and 3

		<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>
(1)	Estimated Annual Cost	\$654,353	\$723,409	\$960,139
(2)	Company Forecasted kWh	23,381,435,958	23,833,493,294	24,299,444,095
(3)	Estimated Cost per kWh	\$0.00002	\$0.00003	\$0.00003

- (1) Per response to DTE-1-1  
(2) Forecasted kWh sales for calendar years 2007, 2008 and 2009  
(3) Line (1) ÷ Line (2), truncated after 5 decimal places

Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)		
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%	
125	\$24.65	\$13.40	\$11.25	\$24.65	\$13.40	\$11.25	\$0.00	0.0%	
250	\$43.52	\$26.80	\$16.72	\$43.53	\$26.80	\$16.73	\$0.01	0.0%	
500	\$81.20	\$53.59	\$27.61	\$81.21	\$53.59	\$27.62	\$0.01	0.0%	
750	\$118.90	\$80.39	\$38.51	\$118.91	\$80.39	\$38.52	\$0.01	0.0%	
1,000	\$156.57	\$107.18	\$49.39	\$156.59	\$107.18	\$49.41	\$0.02	0.0%	
1,250	\$194.28	\$133.98	\$60.30	\$194.31	\$133.98	\$60.33	\$0.03	0.0%	
1,500	\$231.96	\$160.77	\$71.19	\$231.99	\$160.77	\$71.22	\$0.03	0.0%	
2,000	\$307.33	\$214.36	\$92.97	\$307.37	\$214.36	\$93.01	\$0.04	0.0%	

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02377			\$0.02379
Transition Charge	KWh x	\$0.00862			\$0.00862
Transmission Charge	KWh x	\$0.00819			\$0.00819
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718			\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers (with Interruptible Credit #1)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates		Total	Proposed Rates		Overall Increase (Decrease)	
		Default Service	Retail Delivery		Default Service	Retail Delivery	Amount	%
250	\$38.02	\$26.80	\$11.22	\$38.03	\$26.80	\$11.23	\$0.01	0.0%
500	\$75.70	\$53.59	\$22.11	\$75.71	\$53.59	\$22.12	\$0.01	0.0%
750	\$113.40	\$80.39	\$33.01	\$113.41	\$80.39	\$33.02	\$0.01	0.0%
1,000	\$151.07	\$107.18	\$43.89	\$151.09	\$107.18	\$43.91	\$0.02	0.0%
1,250	\$188.78	\$133.98	\$54.80	\$188.81	\$133.98	\$54.83	\$0.03	0.0%
1,500	\$226.46	\$160.77	\$65.69	\$226.49	\$160.77	\$65.72	\$0.03	0.0%
2,000	\$301.83	\$214.36	\$87.47	\$301.87	\$214.36	\$87.51	\$0.04	0.0%
2,500	\$377.22	\$267.95	\$109.27	\$377.27	\$267.95	\$109.32	\$0.05	0.0%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02377			\$0.02379
Transition Charge	KWh x	\$0.00862			\$0.00862
Transmission Charge	KWh x	\$0.00819			\$0.00819
Interruptible Credit #1		(\$5.50)			(\$5.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718			\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers (with Interruptible Credit #2)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates		Total	Proposed Rates		Overall Increase (Decrease)	
		Default Service	Retail Delivery		Default Service	Retail Delivery	Amount	%
250	\$36.02	\$26.80	\$9.22	\$36.03	\$26.80	\$9.23	\$0.01	0.0%
500	\$73.70	\$53.59	\$20.11	\$73.71	\$53.59	\$20.12	\$0.01	0.0%
750	\$111.40	\$80.39	\$31.01	\$111.41	\$80.39	\$31.02	\$0.01	0.0%
1,000	\$149.07	\$107.18	\$41.89	\$149.09	\$107.18	\$41.91	\$0.02	0.0%
1,250	\$186.78	\$133.98	\$52.80	\$186.81	\$133.98	\$52.83	\$0.03	0.0%
1,500	\$224.46	\$160.77	\$63.69	\$224.49	\$160.77	\$63.72	\$0.03	0.0%
2,000	\$299.83	\$214.36	\$85.47	\$299.87	\$214.36	\$85.51	\$0.04	0.0%
2,500	\$375.22	\$267.95	\$107.27	\$375.27	\$267.95	\$107.32	\$0.05	0.0%

Present Rates			Proposed Rates		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02377			\$0.02379
Transition Charge	KWh x	\$0.00862			\$0.00862
Transmission Charge	KWh x	\$0.00819			\$0.00819
Interruptible Credit #2		(\$7.50)			(\$7.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718			\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-2 Default Service Customers

		(1)			(2)			(1) vs (2)	
Monthly KWh	Total	Present Rates		Retail Delivery	Proposed Rates		Retail Delivery	Overall Increase (Decrease)	
		Default Service			Default Service			Amount	%
50	\$10.30	\$5.36		\$4.94	\$10.30	\$5.36	\$4.94	\$0.00	0.0%
100	\$16.80	\$10.72		\$6.08	\$16.80	\$10.72	\$6.08	\$0.00	0.0%
150	\$23.33	\$16.08		\$7.25	\$23.33	\$16.08	\$7.25	\$0.00	0.0%
250	\$36.36	\$26.80		\$9.56	\$36.36	\$26.80	\$9.56	\$0.00	0.0%
300	\$42.85	\$32.15		\$10.70	\$42.86	\$32.15	\$10.71	\$0.01	0.0%
500	\$68.92	\$53.59		\$15.33	\$68.93	\$53.59	\$15.34	\$0.01	0.0%
600	\$81.94	\$64.31		\$17.63	\$81.95	\$64.31	\$17.64	\$0.01	0.0%
750	\$101.50	\$80.39		\$21.11	\$101.51	\$80.39	\$21.12	\$0.01	0.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$3.77	\$3.77
Distribution Charge	KWh x	\$0.00338	\$0.00340
Transition Charge	KWh x	\$0.00853	\$0.00853
Transmission Charge	KWh x	\$0.00819	\$0.00819
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-2 Default Service Customers  
With Interruptible Credit #1

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates		Total	Proposed Rates		Overall Increase (Decrease)	
		Default Service	Retail Delivery		Default Service	Retail Delivery	Amount	%
300	\$37.35	\$32.15	\$5.20	\$37.36	\$32.15	\$5.21	\$0.01	0.0%
500	\$63.42	\$53.59	\$9.83	\$63.43	\$53.59	\$9.84	\$0.01	0.0%
600	\$76.44	\$64.31	\$12.13	\$76.45	\$64.31	\$12.14	\$0.01	0.0%
750	\$96.00	\$80.39	\$15.61	\$96.01	\$80.39	\$15.62	\$0.01	0.0%
900	\$115.52	\$96.46	\$19.06	\$115.54	\$96.46	\$19.08	\$0.02	0.0%
1,000	\$128.55	\$107.18	\$21.37	\$128.57	\$107.18	\$21.39	\$0.02	0.0%
1,500	\$193.70	\$160.77	\$32.93	\$193.73	\$160.77	\$32.96	\$0.03	0.0%
1,750	\$226.28	\$187.57	\$38.71	\$226.31	\$187.57	\$38.74	\$0.03	0.0%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00338			\$0.00340
Transition Charge	KWh x	\$0.00853			\$0.00853
Transmission Charge	KWh x	\$0.00819			\$0.00819
Interruptible Credit #1		(\$5.50)			(\$5.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718			\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-2 Default Service Customers  
With Interruptible Credit #2

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
300	\$35.35	\$32.15	\$3.20	\$35.36	\$32.15	\$3.21	\$0.01	0.0%
500	\$61.42	\$53.59	\$7.83	\$61.43	\$53.59	\$7.84	\$0.01	0.0%
600	\$74.44	\$64.31	\$10.13	\$74.45	\$64.31	\$10.14	\$0.01	0.0%
750	\$94.00	\$80.39	\$13.61	\$94.01	\$80.39	\$13.62	\$0.01	0.0%
900	\$113.52	\$96.46	\$17.06	\$113.54	\$96.46	\$17.08	\$0.02	0.0%
1,000	\$126.55	\$107.18	\$19.37	\$126.57	\$107.18	\$19.39	\$0.02	0.0%
1,500	\$191.70	\$160.77	\$30.93	\$191.73	\$160.77	\$30.96	\$0.03	0.0%
1,750	\$224.28	\$187.57	\$36.71	\$224.31	\$187.57	\$36.74	\$0.03	0.0%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$3.77		\$3.77
Distribution Charge	KWh x	\$0.00338		\$0.00340
Transition Charge	KWh x	\$0.00853		\$0.00853
Transmission Charge	KWh x	\$0.00819		\$0.00819
Interruptible Credit #2		(\$7.50)		(\$7.50)
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-4 Default Service Customers

**KWh Split:**    - On-Peak        25%  
                     - Off-Peak        75%

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$158.71	\$107.18	\$51.53	\$158.73	\$107.18	\$51.55	\$0.02	0.0%
1,500	\$228.47	\$160.77	\$67.70	\$228.50	\$160.77	\$67.73	\$0.03	0.0%
2,000	\$298.22	\$214.36	\$83.86	\$298.26	\$214.36	\$83.90	\$0.04	0.0%
3,000	\$437.71	\$321.54	\$116.17	\$437.78	\$321.54	\$116.24	\$0.07	0.0%
4,000	\$577.22	\$428.72	\$148.50	\$577.30	\$428.72	\$148.58	\$0.08	0.0%
5,000	\$716.73	\$535.90	\$180.83	\$716.83	\$535.90	\$180.93	\$0.10	0.0%
8,000	\$1,135.24	\$857.44	\$277.80	\$1,135.40	\$857.44	\$277.96	\$0.16	0.0%
10,000	\$1,414.26	\$1,071.80	\$342.46	\$1,414.46	\$1,071.80	\$342.66	\$0.20	0.0%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.05984		\$0.05986
Distribution Charge: Off Peak	KWh x	\$0.00285		\$0.00287
Transition Charge: On Peak	KWh x	\$0.02236		\$0.02236
Transition Charge: Off Peak	KWh x	\$0.00109		\$0.00109
Transmission Charge	KWh x	\$0.00582		\$0.00582
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-4 Default Service Customers

**KWh Split:**    - On-Peak        30%  
                      - Off-Peak        70%

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$162.62	\$107.18	\$55.44	\$162.64	\$107.18	\$55.46	\$0.02	0.0%
1,500	\$234.33	\$160.77	\$73.56	\$234.36	\$160.77	\$73.59	\$0.03	0.0%
2,000	\$306.04	\$214.36	\$91.68	\$306.08	\$214.36	\$91.72	\$0.04	0.0%
3,000	\$449.45	\$321.54	\$127.91	\$449.51	\$321.54	\$127.97	\$0.06	0.0%
4,000	\$592.87	\$428.72	\$164.15	\$592.95	\$428.72	\$164.23	\$0.08	0.0%
5,000	\$736.29	\$535.90	\$200.39	\$736.39	\$535.90	\$200.49	\$0.10	0.0%
8,000	\$1,166.54	\$857.44	\$309.10	\$1,166.70	\$857.44	\$309.26	\$0.16	0.0%
10,000	\$1,453.38	\$1,071.80	\$381.58	\$1,453.58	\$1,071.80	\$381.78	\$0.20	0.0%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.05984		\$0.05986
Distribution Charge: Off Peak	KWh x	\$0.00285		\$0.00287
Transition Charge: On Peak	KWh x	\$0.02236		\$0.02236
Transition Charge: Off Peak	KWh x	\$0.00109		\$0.00109
Transmission Charge	KWh x	\$0.00582		\$0.00582
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on R-4 Default Service Customers

**KWh Split:**    - On-Peak        40%  
                     - Off-Peak        60%

Monthly KWh	/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$170.44	\$107.18	\$63.26	\$170.46	\$107.18	\$63.28	\$0.02	0.0%
1,500	\$246.07	\$160.77	\$85.30	\$246.10	\$160.77	\$85.33	\$0.03	0.0%
2,000	\$321.69	\$214.36	\$107.33	\$321.73	\$214.36	\$107.37	\$0.04	0.0%
3,000	\$472.93	\$321.54	\$151.39	\$472.99	\$321.54	\$151.45	\$0.06	0.0%
4,000	\$624.18	\$428.72	\$195.46	\$624.26	\$428.72	\$195.54	\$0.08	0.0%
5,000	\$775.42	\$535.90	\$239.52	\$775.52	\$535.90	\$239.62	\$0.10	0.0%
8,000	\$1,229.15	\$857.44	\$371.71	\$1,229.31	\$857.44	\$371.87	\$0.16	0.0%
10,000	\$1,531.64	\$1,071.80	\$459.84	\$1,531.84	\$1,071.80	\$460.04	\$0.20	0.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$19.20	\$19.20
Distribution Charge: On Peak	KWh x	\$0.05984	\$0.05986
Distribution Charge: Off Peak	KWh x	\$0.00285	\$0.00287
Transition Charge: On Peak	KWh x	\$0.02236	\$0.02236
Transition Charge: Off Peak	KWh x	\$0.00109	\$0.00109
Transmission Charge	KWh x	\$0.00582	\$0.00582
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-1 Default Service Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
50	\$16.39	\$5.25	\$11.14	\$16.39	\$5.25	\$11.14	\$0.00	0.0%
100	\$24.46	\$10.50	\$13.96	\$24.46	\$10.50	\$13.96	\$0.00	0.0%
250	\$48.68	\$26.25	\$22.43	\$48.68	\$26.25	\$22.43	\$0.00	0.0%
500	\$89.02	\$52.50	\$36.52	\$89.03	\$52.50	\$36.53	\$0.01	0.0%
1,000	\$169.70	\$105.00	\$64.70	\$169.72	\$105.00	\$64.72	\$0.02	0.0%
2,500	\$411.78	\$262.50	\$149.28	\$411.83	\$262.50	\$149.33	\$0.05	0.0%
5,000	\$815.22	\$525.00	\$290.22	\$815.32	\$525.00	\$290.32	\$0.10	0.0%
7,500	\$1,218.68	\$787.50	\$431.18	\$1,218.83	\$787.50	\$431.33	\$0.15	0.0%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$8.32			\$8.32
Distribution Charge	KWh x	\$0.03762			\$0.03764
Transition Charge	KWh x	\$0.00829			\$0.00829
Transmission Charge	KWh x	\$0.00747			\$0.00747
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10500			\$0.10500
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 200

		----- (1) -----			----- (2) -----			----- (1) vs (2) -----	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	3,000	\$607.79	\$440.13	\$167.66	\$607.85	\$440.13	\$167.72	\$0.06	0.0%
20	4,000	\$805.31	\$586.84	\$218.47	\$805.39	\$586.84	\$218.55	\$0.08	0.0%
40	8,000	\$1,595.39	\$1,173.68	\$421.71	\$1,595.55	\$1,173.68	\$421.87	\$0.16	0.0%
75	15,000	\$2,978.03	\$2,200.65	\$777.38	\$2,978.33	\$2,200.65	\$777.68	\$0.30	0.0%
150	30,000	\$5,940.83	\$4,401.30	\$1,539.53	\$5,941.43	\$4,401.30	\$1,540.13	\$0.60	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		----- (1) -----			----- (2) -----			----- (1) vs (2) -----	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	3,000	\$616.73	\$449.07	\$167.66	\$616.79	\$449.07	\$167.72	\$0.06	0.0%
20	4,000	\$817.23	\$598.76	\$218.47	\$817.31	\$598.76	\$218.55	\$0.08	0.0%
40	8,000	\$1,619.23	\$1,197.52	\$421.71	\$1,619.39	\$1,197.52	\$421.87	\$0.16	0.0%
75	15,000	\$3,022.73	\$2,245.35	\$777.38	\$3,023.03	\$2,245.35	\$777.68	\$0.30	0.0%
150	30,000	\$6,030.23	\$4,490.70	\$1,539.53	\$6,030.83	\$4,490.70	\$1,540.13	\$0.60	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		----- (1) -----			----- (2) -----			----- (1) vs (2) -----	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	3,000	\$625.37	\$457.71	\$167.66	\$625.43	\$457.71	\$167.72	\$0.06	0.0%
20	4,000	\$828.75	\$610.28	\$218.47	\$828.83	\$610.28	\$218.55	\$0.08	0.0%
40	8,000	\$1,642.27	\$1,220.56	\$421.71	\$1,642.43	\$1,220.56	\$421.87	\$0.16	0.0%
75	15,000	\$3,065.93	\$2,288.55	\$777.38	\$3,066.23	\$2,288.55	\$777.68	\$0.30	0.0%
150	30,000	\$6,116.63	\$4,577.10	\$1,539.53	\$6,117.23	\$4,577.10	\$1,540.13	\$0.60	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 250

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	3,750	\$730.74	\$550.16	\$180.58	\$730.81	\$550.16	\$180.65	\$0.07	0.0%
20	5,000	\$969.23	\$733.55	\$235.68	\$969.33	\$733.55	\$235.78	\$0.10	0.0%
40	10,000	\$1,923.23	\$1,467.10	\$456.13	\$1,923.43	\$1,467.10	\$456.33	\$0.20	0.0%
75	18,750	\$3,592.74	\$2,750.81	\$841.93	\$3,593.11	\$2,750.81	\$842.30	\$0.37	0.0%
150	37,500	\$7,170.24	\$5,501.63	\$1,668.61	\$7,170.99	\$5,501.63	\$1,669.36	\$0.75	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	3,750	\$741.92	\$561.34	\$180.58	\$741.99	\$561.34	\$180.65	\$0.07	0.0%
20	5,000	\$984.13	\$748.45	\$235.68	\$984.23	\$748.45	\$235.78	\$0.10	0.0%
40	10,000	\$1,953.03	\$1,496.90	\$456.13	\$1,953.23	\$1,496.90	\$456.33	\$0.20	0.0%
75	18,750	\$3,648.62	\$2,806.69	\$841.93	\$3,648.99	\$2,806.69	\$842.30	\$0.37	0.0%
150	37,500	\$7,281.99	\$5,613.38	\$1,668.61	\$7,282.74	\$5,613.38	\$1,669.36	\$0.75	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	3,750	\$752.72	\$572.14	\$180.58	\$752.79	\$572.14	\$180.65	\$0.07	0.0%
20	5,000	\$998.53	\$762.85	\$235.68	\$998.63	\$762.85	\$235.78	\$0.10	0.0%
40	10,000	\$1,981.83	\$1,525.70	\$456.13	\$1,982.03	\$1,525.70	\$456.33	\$0.20	0.0%
75	18,750	\$3,702.62	\$2,860.69	\$841.93	\$3,702.99	\$2,860.69	\$842.30	\$0.37	0.0%
150	37,500	\$7,389.99	\$5,721.38	\$1,668.61	\$7,390.74	\$5,721.38	\$1,669.36	\$0.75	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 300

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	4,500	\$853.68	\$660.20	\$193.48	\$853.77	\$660.20	\$193.57	\$0.09	0.0%
20	6,000	\$1,133.15	\$880.26	\$252.89	\$1,133.27	\$880.26	\$253.01	\$0.12	0.0%
40	12,000	\$2,251.07	\$1,760.52	\$490.55	\$2,251.31	\$1,760.52	\$490.79	\$0.24	0.0%
75	22,500	\$4,207.44	\$3,300.98	\$906.46	\$4,207.89	\$3,300.98	\$906.91	\$0.45	0.0%
150	45,000	\$8,399.63	\$6,601.95	\$1,797.68	\$8,400.53	\$6,601.95	\$1,798.58	\$0.90	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	4,500	\$867.09	\$673.61	\$193.48	\$867.18	\$673.61	\$193.57	\$0.09	0.0%
20	6,000	\$1,151.03	\$898.14	\$252.89	\$1,151.15	\$898.14	\$253.01	\$0.12	0.0%
40	12,000	\$2,286.83	\$1,796.28	\$490.55	\$2,287.07	\$1,796.28	\$490.79	\$0.24	0.0%
75	22,500	\$4,274.49	\$3,368.03	\$906.46	\$4,274.94	\$3,368.03	\$906.91	\$0.45	0.0%
150	45,000	\$8,533.73	\$6,736.05	\$1,797.68	\$8,534.63	\$6,736.05	\$1,798.58	\$0.90	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	4,500	\$880.05	\$686.57	\$193.48	\$880.14	\$686.57	\$193.57	\$0.09	0.0%
20	6,000	\$1,168.31	\$915.42	\$252.89	\$1,168.43	\$915.42	\$253.01	\$0.12	0.0%
40	12,000	\$2,321.39	\$1,830.84	\$490.55	\$2,321.63	\$1,830.84	\$490.79	\$0.24	0.0%
75	22,500	\$4,339.29	\$3,432.83	\$906.46	\$4,339.74	\$3,432.83	\$906.91	\$0.45	0.0%
150	45,000	\$8,663.33	\$6,865.65	\$1,797.68	\$8,664.23	\$6,865.65	\$1,798.58	\$0.90	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 350

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	5,250	\$976.63	\$770.23	\$206.40	\$976.73	\$770.23	\$206.50	\$0.10	0.0%
20	7,000	\$1,297.07	\$1,026.97	\$270.10	\$1,297.21	\$1,026.97	\$270.24	\$0.14	0.0%
40	14,000	\$2,578.91	\$2,053.94	\$524.97	\$2,579.19	\$2,053.94	\$525.25	\$0.28	0.0%
75	26,250	\$4,822.15	\$3,851.14	\$971.01	\$4,822.67	\$3,851.14	\$971.53	\$0.52	0.0%
150	52,500	\$9,629.04	\$7,702.28	\$1,926.76	\$9,630.09	\$7,702.28	\$1,927.81	\$1.05	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	5,250	\$992.27	\$785.87	\$206.40	\$992.37	\$785.87	\$206.50	\$0.10	0.0%
20	7,000	\$1,317.93	\$1,047.83	\$270.10	\$1,318.07	\$1,047.83	\$270.24	\$0.14	0.0%
40	14,000	\$2,620.63	\$2,095.66	\$524.97	\$2,620.91	\$2,095.66	\$525.25	\$0.28	0.0%
75	26,250	\$4,900.37	\$3,929.36	\$971.01	\$4,900.89	\$3,929.36	\$971.53	\$0.52	0.0%
150	52,500	\$9,785.49	\$7,858.73	\$1,926.76	\$9,786.54	\$7,858.73	\$1,927.81	\$1.05	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	5,250	\$1,007.39	\$800.99	\$206.40	\$1,007.49	\$800.99	\$206.50	\$0.10	0.0%
20	7,000	\$1,338.09	\$1,067.99	\$270.10	\$1,338.23	\$1,067.99	\$270.24	\$0.14	0.0%
40	14,000	\$2,660.95	\$2,135.98	\$524.97	\$2,661.23	\$2,135.98	\$525.25	\$0.28	0.0%
75	26,250	\$4,975.97	\$4,004.96	\$971.01	\$4,976.49	\$4,004.96	\$971.53	\$0.52	0.0%
150	52,500	\$9,936.69	\$8,009.93	\$1,926.76	\$9,937.74	\$8,009.93	\$1,927.81	\$1.05	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 400

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	6,000	\$1,099.55	\$880.26	\$219.29	\$1,099.67	\$880.26	\$219.41	\$0.12	0.0%
20	8,000	\$1,460.99	\$1,173.68	\$287.31	\$1,461.15	\$1,173.68	\$287.47	\$0.16	0.0%
40	16,000	\$2,906.75	\$2,347.36	\$559.39	\$2,907.07	\$2,347.36	\$559.71	\$0.32	0.0%
75	30,000	\$5,436.83	\$4,401.30	\$1,035.53	\$5,437.43	\$4,401.30	\$1,036.13	\$0.60	0.0%
150	60,000	\$10,858.43	\$8,802.60	\$2,055.83	\$10,859.63	\$8,802.60	\$2,057.03	\$1.20	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	6,000	\$1,117.43	\$898.14	\$219.29	\$1,117.55	\$898.14	\$219.41	\$0.12	0.0%
20	8,000	\$1,484.83	\$1,197.52	\$287.31	\$1,484.99	\$1,197.52	\$287.47	\$0.16	0.0%
40	16,000	\$2,954.43	\$2,395.04	\$559.39	\$2,954.75	\$2,395.04	\$559.71	\$0.32	0.0%
75	30,000	\$5,526.23	\$4,490.70	\$1,035.53	\$5,526.83	\$4,490.70	\$1,036.13	\$0.60	0.0%
150	60,000	\$11,037.23	\$8,981.40	\$2,055.83	\$11,038.43	\$8,981.40	\$2,057.03	\$1.20	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	6,000	\$1,134.71	\$915.42	\$219.29	\$1,134.83	\$915.42	\$219.41	\$0.12	0.0%
20	8,000	\$1,507.87	\$1,220.56	\$287.31	\$1,508.03	\$1,220.56	\$287.47	\$0.16	0.0%
40	16,000	\$3,000.51	\$2,441.12	\$559.39	\$3,000.83	\$2,441.12	\$559.71	\$0.32	0.0%
75	30,000	\$5,612.63	\$4,577.10	\$1,035.53	\$5,613.23	\$4,577.10	\$1,036.13	\$0.60	0.0%
150	60,000	\$11,210.03	\$9,154.20	\$2,055.83	\$11,211.23	\$9,154.20	\$2,057.03	\$1.20	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00064	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 450

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	6,750	\$1,222.50	\$990.29	\$232.21	\$1,222.63	\$990.29	\$232.34	\$0.13	0.0%
20	9,000	\$1,624.91	\$1,320.39	\$304.52	\$1,625.09	\$1,320.39	\$304.70	\$0.18	0.0%
40	18,000	\$3,234.59	\$2,640.78	\$593.81	\$3,234.95	\$2,640.78	\$594.17	\$0.36	0.0%
75	33,750	\$6,051.54	\$4,951.46	\$1,100.08	\$6,052.21	\$4,951.46	\$1,100.75	\$0.67	0.0%
150	67,500	\$12,087.84	\$9,902.93	\$2,184.91	\$12,089.19	\$9,902.93	\$2,186.26	\$1.35	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	6,750	\$1,242.62	\$1,010.41	\$232.21	\$1,242.75	\$1,010.41	\$232.34	\$0.13	0.0%
20	9,000	\$1,651.73	\$1,347.21	\$304.52	\$1,651.91	\$1,347.21	\$304.70	\$0.18	0.0%
40	18,000	\$3,288.23	\$2,694.42	\$593.81	\$3,288.59	\$2,694.42	\$594.17	\$0.36	0.0%
75	33,750	\$6,152.12	\$5,052.04	\$1,100.08	\$6,152.79	\$5,052.04	\$1,100.75	\$0.67	0.0%
150	67,500	\$12,288.99	\$10,104.08	\$2,184.91	\$12,290.34	\$10,104.08	\$2,186.26	\$1.35	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	6,750	\$1,262.06	\$1,029.85	\$232.21	\$1,262.19	\$1,029.85	\$232.34	\$0.13	0.0%
20	9,000	\$1,677.65	\$1,373.13	\$304.52	\$1,677.83	\$1,373.13	\$304.70	\$0.18	0.0%
40	18,000	\$3,340.07	\$2,746.26	\$593.81	\$3,340.43	\$2,746.26	\$594.17	\$0.36	0.0%
75	33,750	\$6,249.32	\$5,149.24	\$1,100.08	\$6,249.99	\$5,149.24	\$1,100.75	\$0.67	0.0%
150	67,500	\$12,483.39	\$10,298.48	\$2,184.91	\$12,484.74	\$10,298.48	\$2,186.26	\$1.35	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00064
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 250

**KWh Split:** - On-Peak 55%  
- Off-Peak 45%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	150,000	\$28,085.39	\$22,006.50	\$6,078.89	\$28,088.39	\$22,006.50	\$6,081.89	\$3.00	0.0%
800	200,000	\$37,424.77	\$29,342.00	\$8,082.77	\$37,428.77	\$29,342.00	\$8,086.77	\$4.00	0.0%
1,000	250,000	\$46,764.14	\$36,677.50	\$10,086.64	\$46,769.14	\$36,677.50	\$10,091.64	\$5.00	0.0%
1,500	375,000	\$70,112.59	\$55,016.25	\$15,096.34	\$70,120.08	\$55,016.25	\$15,103.83	\$7.49	0.0%
3,000	750,000	\$140,157.89	\$110,032.50	\$30,125.39	\$140,172.89	\$110,032.50	\$30,140.39	\$15.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00053)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	150,000	\$28,532.39	\$22,453.50	\$6,078.89	\$28,535.39	\$22,453.50	\$6,081.89	\$3.00	0.0%
800	200,000	\$38,020.77	\$29,938.00	\$8,082.77	\$38,024.77	\$29,938.00	\$8,086.77	\$4.00	0.0%
1,000	250,000	\$47,509.14	\$37,422.50	\$10,086.64	\$47,514.14	\$37,422.50	\$10,091.64	\$5.00	0.0%
1,500	375,000	\$71,230.09	\$56,133.75	\$15,096.34	\$71,237.58	\$56,133.75	\$15,103.83	\$7.49	0.0%
3,000	750,000	\$142,392.89	\$112,267.50	\$30,125.39	\$142,407.89	\$112,267.50	\$30,140.39	\$15.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00053)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	150,000	\$28,964.39	\$22,885.50	\$6,078.89	\$28,967.39	\$22,885.50	\$6,081.89	\$3.00	0.0%
800	200,000	\$38,596.77	\$30,514.00	\$8,082.77	\$38,600.77	\$30,514.00	\$8,086.77	\$4.00	0.0%
1,000	250,000	\$48,229.14	\$38,142.50	\$10,086.64	\$48,234.14	\$38,142.50	\$10,091.64	\$5.00	0.0%
1,500	375,000	\$72,310.09	\$57,213.75	\$15,096.34	\$72,317.58	\$57,213.75	\$15,103.83	\$7.49	0.0%
3,000	750,000	\$144,552.89	\$114,427.50	\$30,125.39	\$144,567.89	\$114,427.50	\$30,140.39	\$15.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00053)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 300

**KWh Split:** - On-Peak 50%  
- Off-Peak 50%

		/(1)-----/-----/(2)-----/(1 vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	180,000	\$32,985.37	\$26,407.80	\$6,577.57	\$32,988.97	\$26,407.80	\$6,581.17	\$3.60	0.0%
800	240,000	\$43,958.07	\$35,210.40	\$8,747.67	\$43,962.87	\$35,210.40	\$8,752.47	\$4.80	0.0%
1,000	300,000	\$54,930.77	\$44,013.00	\$10,917.77	\$54,936.77	\$44,013.00	\$10,923.77	\$6.00	0.0%
1,500	450,000	\$82,362.52	\$66,019.50	\$16,343.02	\$82,371.52	\$66,019.50	\$16,352.02	\$9.00	0.0%
3,000	900,000	\$164,657.77	\$132,039.00	\$32,618.77	\$164,675.77	\$132,039.00	\$32,636.77	\$18.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/(1)-----/-----/(2)-----/(1 vs (2)								
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)		
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%	
600		180,000	\$33,521.77	\$26,944.20	\$6,577.57	\$33,525.37	\$26,944.20	\$6,581.17	\$3.60	0.0%
800		240,000	\$44,673.27	\$35,925.60	\$8,747.67	\$44,678.07	\$35,925.60	\$8,752.47	\$4.80	0.0%
1,000		300,000	\$55,824.77	\$44,907.00	\$10,917.77	\$55,830.77	\$44,907.00	\$10,923.77	\$6.00	0.0%
1,500		450,000	\$83,703.52	\$67,360.50	\$16,343.02	\$83,712.52	\$67,360.50	\$16,352.02	\$9.00	0.0%
3,000	900,000	\$167,339.77	\$134,721.00	\$32,618.77	\$167,357.77	\$134,721.00	\$32,636.77	\$18.00	0.0%	

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/(1)-----/-----/(2)-----/(1 vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	180,000	\$34,040.17	\$27,462.60	\$6,577.57	\$34,043.77	\$27,462.60	\$6,581.17	\$3.60	0.0%
800	240,000	\$45,364.47	\$36,616.80	\$8,747.67	\$45,369.27	\$36,616.80	\$8,752.47	\$4.80	0.0%
1,000	300,000	\$56,688.77	\$45,771.00	\$10,917.77	\$56,694.77	\$45,771.00	\$10,923.77	\$6.00	0.0%
1,500	450,000	\$84,999.52	\$68,656.50	\$16,343.02	\$85,008.52	\$68,656.50	\$16,352.02	\$9.00	0.0%
3,000	900,000	\$169,931.77	\$137,313.00	\$32,618.77	\$169,949.77	\$137,313.00	\$32,636.77	\$18.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 350

**KWh Split:** - On-Peak 50%  
- Off-Peak 50%

		/(1)-----/-----/(2)-----/(1 vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	210,000	\$37,972.72	\$30,809.10	\$7,163.62	\$37,976.92	\$30,809.10	\$7,167.82	\$4.20	0.0%
800	280,000	\$50,607.87	\$41,078.80	\$9,529.07	\$50,613.47	\$41,078.80	\$9,534.67	\$5.60	0.0%
1,000	350,000	\$63,243.02	\$51,348.50	\$11,894.52	\$63,250.02	\$51,348.50	\$11,901.52	\$7.00	0.0%
1,500	525,000	\$94,830.89	\$77,022.75	\$17,808.14	\$94,841.39	\$77,022.75	\$17,818.64	\$10.50	0.0%
3,000	1,050,000	\$189,594.52	\$154,045.50	\$35,549.02	\$189,615.52	\$154,045.50	\$35,570.02	\$21.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/(1)-----/-----/(2)-----/(1 vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	210,000	\$38,598.52	\$31,434.90	\$7,163.62	\$38,602.72	\$31,434.90	\$7,167.82	\$4.20	0.0%
800	280,000	\$51,442.27	\$41,913.20	\$9,529.07	\$51,447.87	\$41,913.20	\$9,534.67	\$5.60	0.0%
1,000	350,000	\$64,286.02	\$52,391.50	\$11,894.52	\$64,293.02	\$52,391.50	\$11,901.52	\$7.00	0.0%
1,500	525,000	\$96,395.39	\$78,587.25	\$17,808.14	\$96,405.89	\$78,587.25	\$17,818.64	\$10.50	0.0%
3,000	1,050,000	\$192,723.52	\$157,174.50	\$35,549.02	\$192,744.52	\$157,174.50	\$35,570.02	\$21.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/(1)-----/-----/(2)-----/(1 vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	210,000	\$39,203.32	\$32,039.70	\$7,163.62	\$39,207.52	\$32,039.70	\$7,167.82	\$4.20	0.0%
800	280,000	\$52,248.67	\$42,719.60	\$9,529.07	\$52,254.27	\$42,719.60	\$9,534.67	\$5.60	0.0%
1,000	350,000	\$65,294.02	\$53,399.50	\$11,894.52	\$65,301.02	\$53,399.50	\$11,901.52	\$7.00	0.0%
1,500	525,000	\$97,907.39	\$80,099.25	\$17,808.14	\$97,917.89	\$80,099.25	\$17,818.64	\$10.50	0.0%
3,000	1,050,000	\$195,747.52	\$160,198.50	\$35,549.02	\$195,768.52	\$160,198.50	\$35,570.02	\$21.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 400

**KWh Split:** - On-Peak 45%  
- Off-Peak 55%

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	240,000	\$42,820.27	\$35,210.40	\$7,609.87	\$42,825.07	\$35,210.40	\$7,614.67	\$4.80	0.0%
800	320,000	\$57,071.27	\$46,947.20	\$10,124.07	\$57,077.67	\$46,947.20	\$10,130.47	\$6.40	0.0%
1,000	400,000	\$71,322.27	\$58,684.00	\$12,638.27	\$71,330.27	\$58,684.00	\$12,646.27	\$8.00	0.0%
1,500	600,000	\$106,949.77	\$88,026.00	\$18,923.77	\$106,961.77	\$88,026.00	\$18,935.77	\$12.00	0.0%
3,000	1,200,000	\$213,832.27	\$176,052.00	\$37,780.27	\$213,856.27	\$176,052.00	\$37,804.27	\$24.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00053)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	240,000	\$43,535.47	\$35,925.60	\$7,609.87	\$43,540.27	\$35,925.60	\$7,614.67	\$4.80	0.0%
800	320,000	\$58,024.87	\$47,900.80	\$10,124.07	\$58,031.27	\$47,900.80	\$10,130.47	\$6.40	0.0%
1,000	400,000	\$72,514.27	\$59,876.00	\$12,638.27	\$72,522.27	\$59,876.00	\$12,646.27	\$8.00	0.0%
1,500	600,000	\$108,737.77	\$89,814.00	\$18,923.77	\$108,749.77	\$89,814.00	\$18,935.77	\$12.00	0.0%
3,000	1,200,000	\$217,408.27	\$179,628.00	\$37,780.27	\$217,432.27	\$179,628.00	\$37,804.27	\$24.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00053)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	240,000	\$44,226.67	\$36,616.80	\$7,609.87	\$44,231.47	\$36,616.80	\$7,614.67	\$4.80	0.0%
800	320,000	\$58,946.47	\$48,822.40	\$10,124.07	\$58,952.87	\$48,822.40	\$10,130.47	\$6.40	0.0%
1,000	400,000	\$73,666.27	\$61,028.00	\$12,638.27	\$73,674.27	\$61,028.00	\$12,646.27	\$8.00	0.0%
1,500	600,000	\$110,465.77	\$91,542.00	\$18,923.77	\$110,477.77	\$91,542.00	\$18,935.77	\$12.00	0.0%
3,000	1,200,000	\$220,864.27	\$183,084.00	\$37,780.27	\$220,888.27	\$183,084.00	\$37,804.27	\$24.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00053)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

### Supplier Services



Massachusetts Electric Company  
Estimated Impact of LAMP - Year 1  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 500

**KWh Split:** - On-Peak 45%  
- Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	300,000	\$52,760.02	\$44,013.00	\$8,747.02	\$52,766.02	\$44,013.00	\$8,753.02	\$6.00	0.0%
800	400,000	\$70,324.27	\$58,684.00	\$11,640.27	\$70,332.27	\$58,684.00	\$11,648.27	\$8.00	0.0%
1,000	500,000	\$87,888.52	\$73,355.00	\$14,533.52	\$87,898.52	\$73,355.00	\$14,543.52	\$10.00	0.0%
1,500	750,000	\$131,799.14	\$110,032.50	\$21,766.64	\$131,814.14	\$110,032.50	\$21,781.64	\$15.00	0.0%
3,000	1,500,000	\$263,531.02	\$220,065.00	\$43,466.02	\$263,561.02	\$220,065.00	\$43,496.02	\$30.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	300,000	\$53,654.02	\$44,907.00	\$8,747.02	\$53,660.02	\$44,907.00	\$8,753.02	\$6.00	0.0%
800	400,000	\$71,516.27	\$59,876.00	\$11,640.27	\$71,524.27	\$59,876.00	\$11,648.27	\$8.00	0.0%
1,000	500,000	\$89,378.52	\$74,845.00	\$14,533.52	\$89,388.52	\$74,845.00	\$14,543.52	\$10.00	0.0%
1,500	750,000	\$134,034.14	\$112,267.50	\$21,766.64	\$134,049.14	\$112,267.50	\$21,781.64	\$15.00	0.0%
3,000	1,500,000	\$268,001.02	\$224,535.00	\$43,466.02	\$268,031.02	\$224,535.00	\$43,496.02	\$30.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	300,000	\$54,518.02	\$45,771.00	\$8,747.02	\$54,524.02	\$45,771.00	\$8,753.02	\$6.00	0.0%
800	400,000	\$72,668.27	\$61,028.00	\$11,640.27	\$72,676.27	\$61,028.00	\$11,648.27	\$8.00	0.0%
1,000	500,000	\$90,818.52	\$76,285.00	\$14,533.52	\$90,828.52	\$76,285.00	\$14,543.52	\$10.00	0.0%
1,500	750,000	\$136,194.14	\$114,427.50	\$21,766.64	\$136,209.14	\$114,427.50	\$21,781.64	\$15.00	0.0%
3,000	1,500,000	\$272,321.02	\$228,855.00	\$43,466.02	\$272,351.02	\$228,855.00	\$43,496.02	\$30.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01112
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00053)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)		
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%	
125	\$24.65	\$13.40	\$11.25	\$24.66	\$13.40	\$11.26	\$0.01	0.0%	
250	\$43.52	\$26.80	\$16.72	\$43.53	\$26.80	\$16.73	\$0.01	0.0%	
500	\$81.20	\$53.59	\$27.61	\$81.21	\$53.59	\$27.62	\$0.01	0.0%	
750	\$118.90	\$80.39	\$38.51	\$118.92	\$80.39	\$38.53	\$0.02	0.0%	
1,000	\$156.57	\$107.18	\$49.39	\$156.60	\$107.18	\$49.42	\$0.03	0.0%	
1,250	\$194.28	\$133.98	\$60.30	\$194.32	\$133.98	\$60.34	\$0.04	0.0%	
1,500	\$231.96	\$160.77	\$71.19	\$232.00	\$160.77	\$71.23	\$0.04	0.0%	
2,000	\$307.33	\$214.36	\$92.97	\$307.39	\$214.36	\$93.03	\$0.06	0.0%	

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$5.81	\$5.81
Distribution Charge	KWh x	\$0.02377	\$0.02380
Transition Charge	KWh x	\$0.00862	\$0.00862
Transmission Charge	KWh x	\$0.00819	\$0.00819
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers (with Interruptible Credit #1)

Monthly KWh	/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
250	\$38.02	\$26.80	\$11.22	\$38.03	\$26.80	\$11.23	\$0.01	0.0%
500	\$75.70	\$53.59	\$22.11	\$75.71	\$53.59	\$22.12	\$0.01	0.0%
750	\$113.40	\$80.39	\$33.01	\$113.42	\$80.39	\$33.03	\$0.02	0.0%
1,000	\$151.07	\$107.18	\$43.89	\$151.10	\$107.18	\$43.92	\$0.03	0.0%
1,250	\$188.78	\$133.98	\$54.80	\$188.82	\$133.98	\$54.84	\$0.04	0.0%
1,500	\$226.46	\$160.77	\$65.69	\$226.50	\$160.77	\$65.73	\$0.04	0.0%
2,000	\$301.83	\$214.36	\$87.47	\$301.89	\$214.36	\$87.53	\$0.06	0.0%
2,500	\$377.22	\$267.95	\$109.27	\$377.29	\$267.95	\$109.34	\$0.07	0.0%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$5.81	\$5.81	
Distribution Charge	KWh x	\$0.02377	\$0.02380	
Transition Charge	KWh x	\$0.00862	\$0.00862	
Transmission Charge	KWh x	\$0.00819	\$0.00819	
Interruptible Credit #1		(\$5.50)	(\$5.50)	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers (with Interruptible Credit #2)

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
250	\$36.02	\$26.80	\$9.22	\$36.03	\$26.80	\$9.23	\$0.01	0.0%
500	\$73.70	\$53.59	\$20.11	\$73.71	\$53.59	\$20.12	\$0.01	0.0%
750	\$111.40	\$80.39	\$31.01	\$111.42	\$80.39	\$31.03	\$0.02	0.0%
1,000	\$149.07	\$107.18	\$41.89	\$149.10	\$107.18	\$41.92	\$0.03	0.0%
1,250	\$186.78	\$133.98	\$52.80	\$186.82	\$133.98	\$52.84	\$0.04	0.0%
1,500	\$224.46	\$160.77	\$63.69	\$224.50	\$160.77	\$63.73	\$0.04	0.0%
2,000	\$299.83	\$214.36	\$85.47	\$299.89	\$214.36	\$85.53	\$0.06	0.0%
2,500	\$375.22	\$267.95	\$107.27	\$375.29	\$267.95	\$107.34	\$0.07	0.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$5.81	\$5.81
Distribution Charge	KWh x	\$0.02377	\$0.02380
Transition Charge	KWh x	\$0.00862	\$0.00862
Transmission Charge	KWh x	\$0.00819	\$0.00819
Interruptible Credit #2		(\$7.50)	(\$7.50)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-2 Default Service Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
50	\$10.30	\$5.36	\$4.94	\$10.30	\$5.36	\$4.94	\$0.00	0.0%
100	\$16.80	\$10.72	\$6.08	\$16.80	\$10.72	\$6.08	\$0.00	0.0%
150	\$23.33	\$16.08	\$7.25	\$23.33	\$16.08	\$7.25	\$0.00	0.0%
250	\$36.36	\$26.80	\$9.56	\$36.36	\$26.80	\$9.56	\$0.00	0.0%
300	\$42.85	\$32.15	\$10.70	\$42.86	\$32.15	\$10.71	\$0.01	0.0%
500	\$68.92	\$53.59	\$15.33	\$68.94	\$53.59	\$15.35	\$0.02	0.0%
600	\$81.94	\$64.31	\$17.63	\$81.96	\$64.31	\$17.65	\$0.02	0.0%
750	\$101.50	\$80.39	\$21.11	\$101.52	\$80.39	\$21.13	\$0.02	0.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$3.77	\$3.77
Distribution Charge	KWh x	\$0.00338	\$0.00341
Transition Charge	KWh x	\$0.00853	\$0.00853
Transmission Charge	KWh x	\$0.00819	\$0.00819
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-2 Default Service Customers  
With Interruptible Credit #1

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)		
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%	
300	\$37.35	\$32.15	\$5.20	\$37.36	\$32.15	\$5.21	\$0.01	0.0%	
500	\$63.42	\$53.59	\$9.83	\$63.44	\$53.59	\$9.85	\$0.02	0.0%	
600	\$76.44	\$64.31	\$12.13	\$76.46	\$64.31	\$12.15	\$0.02	0.0%	
750	\$96.00	\$80.39	\$15.61	\$96.02	\$80.39	\$15.63	\$0.02	0.0%	
900	\$115.52	\$96.46	\$19.06	\$115.55	\$96.46	\$19.09	\$0.03	0.0%	
1,000	\$128.55	\$107.18	\$21.37	\$128.58	\$107.18	\$21.40	\$0.03	0.0%	
1,500	\$193.70	\$160.77	\$32.93	\$193.75	\$160.77	\$32.98	\$0.05	0.0%	
1,750	\$226.28	\$187.57	\$38.71	\$226.33	\$187.57	\$38.76	\$0.05	0.0%	

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$3.77	\$3.77
Distribution Charge	KWh x	\$0.00338	\$0.00341
Transition Charge	KWh x	\$0.00853	\$0.00853
Transmission Charge	KWh x	\$0.00819	\$0.00819
Interruptible Credit #1		(\$5.50)	(\$5.50)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-2 Default Service Customers  
With Interruptible Credit #2

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)		
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%	
300	\$35.35	\$32.15	\$3.20	\$35.36	\$32.15	\$3.21	\$0.01	0.0%	
500	\$61.42	\$53.59	\$7.83	\$61.44	\$53.59	\$7.85	\$0.02	0.0%	
600	\$74.44	\$64.31	\$10.13	\$74.46	\$64.31	\$10.15	\$0.02	0.0%	
750	\$94.00	\$80.39	\$13.61	\$94.02	\$80.39	\$13.63	\$0.02	0.0%	
900	\$113.52	\$96.46	\$17.06	\$113.55	\$96.46	\$17.09	\$0.03	0.0%	
1,000	\$126.55	\$107.18	\$19.37	\$126.58	\$107.18	\$19.40	\$0.03	0.0%	
1,500	\$191.70	\$160.77	\$30.93	\$191.75	\$160.77	\$30.98	\$0.05	0.0%	
1,750	\$224.28	\$187.57	\$36.71	\$224.33	\$187.57	\$36.76	\$0.05	0.0%	

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00338			\$0.00341
Transition Charge	KWh x	\$0.00853			\$0.00853
Transmission Charge	KWh x	\$0.00819			\$0.00819
Interruptible Credit #2		(\$7.50)			(\$7.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718			\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-4 Default Service Customers

**KWh Split:**    - On-Peak        25%  
                      - Off-Peak        75%

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$158.71	\$107.18	\$51.53	\$158.74	\$107.18	\$51.56	\$0.03	0.0%
1,500	\$228.47	\$160.77	\$67.70	\$228.51	\$160.77	\$67.74	\$0.04	0.0%
2,000	\$298.22	\$214.36	\$83.86	\$298.28	\$214.36	\$83.92	\$0.06	0.0%
3,000	\$437.71	\$321.54	\$116.17	\$437.80	\$321.54	\$116.26	\$0.09	0.0%
4,000	\$577.22	\$428.72	\$148.50	\$577.34	\$428.72	\$148.62	\$0.12	0.0%
5,000	\$716.73	\$535.90	\$180.83	\$716.88	\$535.90	\$180.98	\$0.15	0.0%
8,000	\$1,135.24	\$857.44	\$277.80	\$1,135.48	\$857.44	\$278.04	\$0.24	0.0%
10,000	\$1,414.26	\$1,071.80	\$342.46	\$1,414.56	\$1,071.80	\$342.76	\$0.30	0.0%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.05984		\$0.05987
Distribution Charge: Off Peak	KWh x	\$0.00285		\$0.00288
Transition Charge: On Peak	KWh x	\$0.02236		\$0.02236
Transition Charge: Off Peak	KWh x	\$0.00109		\$0.00109
Transmission Charge	KWh x	\$0.00582		\$0.00582
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-4 Default Service Customers

**KWh Split:**    - On-Peak        30%  
                      - Off-Peak        70%

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$162.62	\$107.18	\$55.44	\$162.65	\$107.18	\$55.47	\$0.03	0.0%
1,500	\$234.33	\$160.77	\$73.56	\$234.37	\$160.77	\$73.60	\$0.04	0.0%
2,000	\$306.04	\$214.36	\$91.68	\$306.10	\$214.36	\$91.74	\$0.06	0.0%
3,000	\$449.45	\$321.54	\$127.91	\$449.54	\$321.54	\$128.00	\$0.09	0.0%
4,000	\$592.87	\$428.72	\$164.15	\$592.99	\$428.72	\$164.27	\$0.12	0.0%
5,000	\$736.29	\$535.90	\$200.39	\$736.44	\$535.90	\$200.54	\$0.15	0.0%
8,000	\$1,166.54	\$857.44	\$309.10	\$1,166.78	\$857.44	\$309.34	\$0.24	0.0%
10,000	\$1,453.38	\$1,071.80	\$381.58	\$1,453.68	\$1,071.80	\$381.88	\$0.30	0.0%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.05984		\$0.05987
Distribution Charge: Off Peak	KWh x	\$0.00285		\$0.00288
Transition Charge: On Peak	KWh x	\$0.02236		\$0.02236
Transition Charge: Off Peak	KWh x	\$0.00109		\$0.00109
Transmission Charge	KWh x	\$0.00582		\$0.00582
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718		\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on R-4 Default Service Customers

**KWh Split:**    - On-Peak        40%  
                     - Off-Peak        60%

Monthly KWh	/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount        %	
1,000	\$170.44	\$107.18	\$63.26	\$170.47	\$107.18	\$63.29	\$0.03	0.0%
1,500	\$246.07	\$160.77	\$85.30	\$246.11	\$160.77	\$85.34	\$0.04	0.0%
2,000	\$321.69	\$214.36	\$107.33	\$321.75	\$214.36	\$107.39	\$0.06	0.0%
3,000	\$472.93	\$321.54	\$151.39	\$473.02	\$321.54	\$151.48	\$0.09	0.0%
4,000	\$624.18	\$428.72	\$195.46	\$624.30	\$428.72	\$195.58	\$0.12	0.0%
5,000	\$775.42	\$535.90	\$239.52	\$775.57	\$535.90	\$239.67	\$0.15	0.0%
8,000	\$1,229.15	\$857.44	\$371.71	\$1,229.39	\$857.44	\$371.95	\$0.24	0.0%
10,000	\$1,531.64	\$1,071.80	\$459.84	\$1,531.94	\$1,071.80	\$460.14	\$0.30	0.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$19.20	\$19.20
Distribution Charge: On Peak	KWh x	\$0.05984	\$0.05987
Distribution Charge: Off Peak	KWh x	\$0.00285	\$0.00288
Transition Charge: On Peak	KWh x	\$0.02236	\$0.02236
Transition Charge: Off Peak	KWh x	\$0.00109	\$0.00109
Transmission Charge	KWh x	\$0.00582	\$0.00582
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10718	\$0.10718
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-1 Default Service Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
50	\$16.39	\$5.25	\$11.14	\$16.39	\$5.25	\$11.14	\$0.00	0.0%
100	\$24.46	\$10.50	\$13.96	\$24.47	\$10.50	\$13.97	\$0.01	0.0%
250	\$48.68	\$26.25	\$22.43	\$48.68	\$26.25	\$22.43	\$0.00	0.0%
500	\$89.02	\$52.50	\$36.52	\$89.04	\$52.50	\$36.54	\$0.02	0.0%
1,000	\$169.70	\$105.00	\$64.70	\$169.73	\$105.00	\$64.73	\$0.03	0.0%
2,500	\$411.78	\$262.50	\$149.28	\$411.86	\$262.50	\$149.36	\$0.08	0.0%
5,000	\$815.22	\$525.00	\$290.22	\$815.37	\$525.00	\$290.37	\$0.15	0.0%
7,500	\$1,218.68	\$787.50	\$431.18	\$1,218.91	\$787.50	\$431.41	\$0.23	0.0%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$8.32			\$8.32
Distribution Charge	KWh x	\$0.03762			\$0.03765
Transition Charge	KWh x	\$0.00829			\$0.00829
Transmission Charge	KWh x	\$0.00747			\$0.00747
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.10500			\$0.10500
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 200

		----- (1) -----			----- (2) -----			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	3,000	\$607.79	\$440.13	\$167.66	\$607.88	\$440.13	\$167.75	\$0.09	0.0%
20	4,000	\$805.31	\$586.84	\$218.47	\$805.43	\$586.84	\$218.59	\$0.12	0.0%
40	8,000	\$1,595.39	\$1,173.68	\$421.71	\$1,595.63	\$1,173.68	\$421.95	\$0.24	0.0%
75	15,000	\$2,978.03	\$2,200.65	\$777.38	\$2,978.48	\$2,200.65	\$777.83	\$0.45	0.0%
150	30,000	\$5,940.83	\$4,401.30	\$1,539.53	\$5,941.73	\$4,401.30	\$1,540.43	\$0.90	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00065
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		----- (1) -----			----- (2) -----			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	3,000	\$616.73	\$449.07	\$167.66	\$616.82	\$449.07	\$167.75	\$0.09	0.0%
20	4,000	\$817.23	\$598.76	\$218.47	\$817.35	\$598.76	\$218.59	\$0.12	0.0%
40	8,000	\$1,619.23	\$1,197.52	\$421.71	\$1,619.47	\$1,197.52	\$421.95	\$0.24	0.0%
75	15,000	\$3,022.73	\$2,245.35	\$777.38	\$3,023.18	\$2,245.35	\$777.83	\$0.45	0.0%
150	30,000	\$6,030.23	\$4,490.70	\$1,539.53	\$6,031.13	\$4,490.70	\$1,540.43	\$0.90	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00065
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		----- (1) -----			----- (2) -----			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	3,000	\$625.37	\$457.71	\$167.66	\$625.46	\$457.71	\$167.75	\$0.09	0.0%
20	4,000	\$828.75	\$610.28	\$218.47	\$828.87	\$610.28	\$218.59	\$0.12	0.0%
40	8,000	\$1,642.27	\$1,220.56	\$421.71	\$1,642.51	\$1,220.56	\$421.95	\$0.24	0.0%
75	15,000	\$3,065.93	\$2,288.55	\$777.38	\$3,066.38	\$2,288.55	\$777.83	\$0.45	0.0%
150	30,000	\$6,116.63	\$4,577.10	\$1,539.53	\$6,117.53	\$4,577.10	\$1,540.43	\$0.90	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00065
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 250

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	3,750	\$730.74	\$550.16	\$180.58	\$730.85	\$550.16	\$180.69	\$0.11	0.0%
20	5,000	\$969.23	\$733.55	\$235.68	\$969.38	\$733.55	\$235.83	\$0.15	0.0%
40	10,000	\$1,923.23	\$1,467.10	\$456.13	\$1,923.53	\$1,467.10	\$456.43	\$0.30	0.0%
75	18,750	\$3,592.74	\$2,750.81	\$841.93	\$3,593.30	\$2,750.81	\$842.49	\$0.56	0.0%
150	37,500	\$7,170.24	\$5,501.63	\$1,668.61	\$7,171.37	\$5,501.63	\$1,669.74	\$1.13	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	3,750	\$741.92	\$561.34	\$180.58	\$742.03	\$561.34	\$180.69	\$0.11	0.0%
20	5,000	\$984.13	\$748.45	\$235.68	\$984.28	\$748.45	\$235.83	\$0.15	0.0%
40	10,000	\$1,953.03	\$1,496.90	\$456.13	\$1,953.33	\$1,496.90	\$456.43	\$0.30	0.0%
75	18,750	\$3,648.62	\$2,806.69	\$841.93	\$3,649.18	\$2,806.69	\$842.49	\$0.56	0.0%
150	37,500	\$7,281.99	\$5,613.38	\$1,668.61	\$7,283.12	\$5,613.38	\$1,669.74	\$1.13	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	3,750	\$752.72	\$572.14	\$180.58	\$752.83	\$572.14	\$180.69	\$0.11	0.0%
20	5,000	\$998.53	\$762.85	\$235.68	\$998.68	\$762.85	\$235.83	\$0.15	0.0%
40	10,000	\$1,981.83	\$1,525.70	\$456.13	\$1,982.13	\$1,525.70	\$456.43	\$0.30	0.0%
75	18,750	\$3,702.62	\$2,860.69	\$841.93	\$3,703.18	\$2,860.69	\$842.49	\$0.56	0.0%
150	37,500	\$7,389.99	\$5,721.38	\$1,668.61	\$7,391.12	\$5,721.38	\$1,669.74	\$1.13	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 300

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	4,500	\$853.68	\$660.20	\$193.48	\$853.82	\$660.20	\$193.62	\$0.14	0.0%
20	6,000	\$1,133.15	\$880.26	\$252.89	\$1,133.33	\$880.26	\$253.07	\$0.18	0.0%
40	12,000	\$2,251.07	\$1,760.52	\$490.55	\$2,251.43	\$1,760.52	\$490.91	\$0.36	0.0%
75	22,500	\$4,207.44	\$3,300.98	\$906.46	\$4,208.12	\$3,300.98	\$907.14	\$0.68	0.0%
150	45,000	\$8,399.63	\$6,601.95	\$1,797.68	\$8,400.98	\$6,601.95	\$1,799.03	\$1.35	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00065
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	4,500	\$867.09	\$673.61	\$193.48	\$867.23	\$673.61	\$193.62	\$0.14	0.0%
20	6,000	\$1,151.03	\$898.14	\$252.89	\$1,151.21	\$898.14	\$253.07	\$0.18	0.0%
40	12,000	\$2,286.83	\$1,796.28	\$490.55	\$2,287.19	\$1,796.28	\$490.91	\$0.36	0.0%
75	22,500	\$4,274.49	\$3,368.03	\$906.46	\$4,275.17	\$3,368.03	\$907.14	\$0.68	0.0%
150	45,000	\$8,533.73	\$6,736.05	\$1,797.68	\$8,535.08	\$6,736.05	\$1,799.03	\$1.35	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00065
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	4,500	\$880.05	\$686.57	\$193.48	\$880.19	\$686.57	\$193.62	\$0.14	0.0%
20	6,000	\$1,168.31	\$915.42	\$252.89	\$1,168.49	\$915.42	\$253.07	\$0.18	0.0%
40	12,000	\$2,321.39	\$1,830.84	\$490.55	\$2,321.75	\$1,830.84	\$490.91	\$0.36	0.0%
75	22,500	\$4,339.29	\$3,432.83	\$906.46	\$4,339.97	\$3,432.83	\$907.14	\$0.68	0.0%
150	45,000	\$8,663.33	\$6,865.65	\$1,797.68	\$8,664.68	\$6,865.65	\$1,799.03	\$1.35	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x		\$0.00062		\$0.00065
Transition Charge	KWh x		\$0.00659		\$0.00659
Transmission Charge	KWh x		\$0.00700		\$0.00700
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 350

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	5,250	\$976.63	\$770.23	\$206.40	\$976.78	\$770.23	\$206.55	\$0.15	0.0%
20	7,000	\$1,297.07	\$1,026.97	\$270.10	\$1,297.28	\$1,026.97	\$270.31	\$0.21	0.0%
40	14,000	\$2,578.91	\$2,053.94	\$524.97	\$2,579.33	\$2,053.94	\$525.39	\$0.42	0.0%
75	26,250	\$4,822.15	\$3,851.14	\$971.01	\$4,822.93	\$3,851.14	\$971.79	\$0.78	0.0%
150	52,500	\$9,629.04	\$7,702.28	\$1,926.76	\$9,630.62	\$7,702.28	\$1,928.34	\$1.58	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	5,250	\$992.27	\$785.87	\$206.40	\$992.42	\$785.87	\$206.55	\$0.15	0.0%
20	7,000	\$1,317.93	\$1,047.83	\$270.10	\$1,318.14	\$1,047.83	\$270.31	\$0.21	0.0%
40	14,000	\$2,620.63	\$2,095.66	\$524.97	\$2,621.05	\$2,095.66	\$525.39	\$0.42	0.0%
75	26,250	\$4,900.37	\$3,929.36	\$971.01	\$4,901.15	\$3,929.36	\$971.79	\$0.78	0.0%
150	52,500	\$9,785.49	\$7,858.73	\$1,926.76	\$9,787.07	\$7,858.73	\$1,928.34	\$1.58	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	5,250	\$1,007.39	\$800.99	\$206.40	\$1,007.54	\$800.99	\$206.55	\$0.15	0.0%
20	7,000	\$1,338.09	\$1,067.99	\$270.10	\$1,338.30	\$1,067.99	\$270.31	\$0.21	0.0%
40	14,000	\$2,660.95	\$2,135.98	\$524.97	\$2,661.37	\$2,135.98	\$525.39	\$0.42	0.0%
75	26,250	\$4,975.97	\$4,004.96	\$971.01	\$4,976.75	\$4,004.96	\$971.79	\$0.78	0.0%
150	52,500	\$9,936.69	\$8,009.93	\$1,926.76	\$9,938.27	\$8,009.93	\$1,928.34	\$1.58	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 400

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	6,000	\$1,099.55	\$880.26	\$219.29	\$1,099.73	\$880.26	\$219.47	\$0.18	0.0%
20	8,000	\$1,460.99	\$1,173.68	\$287.31	\$1,461.23	\$1,173.68	\$287.55	\$0.24	0.0%
40	16,000	\$2,906.75	\$2,347.36	\$559.39	\$2,907.23	\$2,347.36	\$559.87	\$0.48	0.0%
75	30,000	\$5,436.83	\$4,401.30	\$1,035.53	\$5,437.73	\$4,401.30	\$1,036.43	\$0.90	0.0%
150	60,000	\$10,858.43	\$8,802.60	\$2,055.83	\$10,860.23	\$8,802.60	\$2,057.63	\$1.80	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	6,000	\$1,117.43	\$898.14	\$219.29	\$1,117.61	\$898.14	\$219.47	\$0.18	0.0%
20	8,000	\$1,484.83	\$1,197.52	\$287.31	\$1,485.07	\$1,197.52	\$287.55	\$0.24	0.0%
40	16,000	\$2,954.43	\$2,395.04	\$559.39	\$2,954.91	\$2,395.04	\$559.87	\$0.48	0.0%
75	30,000	\$5,526.23	\$4,490.70	\$1,035.53	\$5,527.13	\$4,490.70	\$1,036.43	\$0.90	0.0%
150	60,000	\$11,037.23	\$8,981.40	\$2,055.83	\$11,039.03	\$8,981.40	\$2,057.63	\$1.80	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	6,000	\$1,134.71	\$915.42	\$219.29	\$1,134.89	\$915.42	\$219.47	\$0.18	0.0%
20	8,000	\$1,507.87	\$1,220.56	\$287.31	\$1,508.11	\$1,220.56	\$287.55	\$0.24	0.0%
40	16,000	\$3,000.51	\$2,441.12	\$559.39	\$3,000.99	\$2,441.12	\$559.87	\$0.48	0.0%
75	30,000	\$5,612.63	\$4,577.10	\$1,035.53	\$5,613.53	\$4,577.10	\$1,036.43	\$0.90	0.0%
150	60,000	\$11,210.03	\$9,154.20	\$2,055.83	\$11,211.83	\$9,154.20	\$2,057.63	\$1.80	0.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-2 Default Service Customers

Hours Use: 450

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	6,750	\$1,222.50	\$990.29	\$232.21	\$1,222.70	\$990.29	\$232.41	\$0.20	0.0%
20	9,000	\$1,624.91	\$1,320.39	\$304.52	\$1,625.18	\$1,320.39	\$304.79	\$0.27	0.0%
40	18,000	\$3,234.59	\$2,640.78	\$593.81	\$3,235.13	\$2,640.78	\$594.35	\$0.54	0.0%
75	33,750	\$6,051.54	\$4,951.46	\$1,100.08	\$6,052.55	\$4,951.46	\$1,101.09	\$1.01	0.0%
150	67,500	\$12,087.84	\$9,902.93	\$2,184.91	\$12,089.87	\$9,902.93	\$2,186.94	\$2.03	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
15	6,750	\$1,242.62	\$1,010.41	\$232.21	\$1,242.82	\$1,010.41	\$232.41	\$0.20	0.0%
20	9,000	\$1,651.73	\$1,347.21	\$304.52	\$1,652.00	\$1,347.21	\$304.79	\$0.27	0.0%
40	18,000	\$3,288.23	\$2,694.42	\$593.81	\$3,288.77	\$2,694.42	\$594.35	\$0.54	0.0%
75	33,750	\$6,152.12	\$5,052.04	\$1,100.08	\$6,153.13	\$5,052.04	\$1,101.09	\$1.01	0.0%
150	67,500	\$12,288.99	\$10,104.08	\$2,184.91	\$12,291.02	\$10,104.08	\$2,186.94	\$2.03	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.14969	WCMA	\$0.14969	WCMA
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		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
15	6,750	\$1,262.06	\$1,029.85	\$232.21	\$1,262.26	\$1,029.85	\$232.41	\$0.20	0.0%
20	9,000	\$1,677.65	\$1,373.13	\$304.52	\$1,677.92	\$1,373.13	\$304.79	\$0.27	0.0%
40	18,000	\$3,340.07	\$2,746.26	\$593.81	\$3,340.61	\$2,746.26	\$594.35	\$0.54	0.0%
75	33,750	\$6,249.32	\$5,149.24	\$1,100.08	\$6,250.33	\$5,149.24	\$1,101.09	\$1.01	0.0%
150	67,500	\$12,483.39	\$10,298.48	\$2,184.91	\$12,485.42	\$10,298.48	\$2,186.94	\$2.03	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.80		\$0.80
Distribution Charge	KWh x	\$0.00062		\$0.00065	
Transition Charge	KWh x	\$0.00659		\$0.00659	
Transmission Charge	KWh x	\$0.00700		\$0.00700	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	

Supplier Services

Energy Charge	KWh x	\$0.15257	NEMA	\$0.15257	NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 250

**KWh Split:** - On-Peak 55%  
- Off-Peak 45%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	150,000	\$28,085.39	\$22,006.50	\$6,078.89	\$28,089.90	\$22,006.50	\$6,083.40	\$4.51	0.0%
800	200,000	\$37,424.77	\$29,342.00	\$8,082.77	\$37,430.77	\$29,342.00	\$8,088.77	\$6.00	0.0%
1,000	250,000	\$46,764.14	\$36,677.50	\$10,086.64	\$46,771.65	\$36,677.50	\$10,094.15	\$7.51	0.0%
1,500	375,000	\$70,112.59	\$55,016.25	\$15,096.34	\$70,123.83	\$55,016.25	\$15,107.58	\$11.24	0.0%
3,000	750,000	\$140,157.89	\$110,032.50	\$30,125.39	\$140,180.40	\$110,032.50	\$30,147.90	\$22.51	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	150,000	\$28,532.39	\$22,453.50	\$6,078.89	\$28,536.90	\$22,453.50	\$6,083.40	\$4.51	0.0%
800	200,000	\$38,020.77	\$29,938.00	\$8,082.77	\$38,026.77	\$29,938.00	\$8,088.77	\$6.00	0.0%
1,000	250,000	\$47,509.14	\$37,422.50	\$10,086.64	\$47,516.65	\$37,422.50	\$10,094.15	\$7.51	0.0%
1,500	375,000	\$71,230.09	\$56,133.75	\$15,096.34	\$71,241.33	\$56,133.75	\$15,107.58	\$11.24	0.0%
3,000	750,000	\$142,392.89	\$112,267.50	\$30,125.39	\$142,415.40	\$112,267.50	\$30,147.90	\$22.51	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	150,000	\$28,964.39	\$22,885.50	\$6,078.89	\$28,968.90	\$22,885.50	\$6,083.40	\$4.51	0.0%
800	200,000	\$38,596.77	\$30,514.00	\$8,082.77	\$38,602.77	\$30,514.00	\$8,088.77	\$6.00	0.0%
1,000	250,000	\$48,229.14	\$38,142.50	\$10,086.64	\$48,236.65	\$38,142.50	\$10,094.15	\$7.51	0.0%
1,500	375,000	\$72,310.09	\$57,213.75	\$15,096.34	\$72,321.33	\$57,213.75	\$15,107.58	\$11.24	0.0%
3,000	750,000	\$144,552.89	\$114,427.50	\$30,125.39	\$144,575.40	\$114,427.50	\$30,147.90	\$22.51	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 300

**KWh Split:** - On-Peak 50%  
- Off-Peak 50%

		/(1)-----/(-----/(-----/(1) vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	180,000	\$32,985.37	\$26,407.80	\$6,577.57	\$32,990.77	\$26,407.80	\$6,582.97	\$5.40	0.0%
800	240,000	\$43,958.07	\$35,210.40	\$8,747.67	\$43,965.27	\$35,210.40	\$8,754.87	\$7.20	0.0%
1,000	300,000	\$54,930.77	\$44,013.00	\$10,917.77	\$54,939.77	\$44,013.00	\$10,926.77	\$9.00	0.0%
1,500	450,000	\$82,362.52	\$66,019.50	\$16,343.02	\$82,376.02	\$66,019.50	\$16,356.52	\$13.50	0.0%
3,000	900,000	\$164,657.77	\$132,039.00	\$32,618.77	\$164,684.77	\$132,039.00	\$32,645.77	\$27.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/(1)-----/(-----/(-----/(1) vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	180,000	\$33,521.77	\$26,944.20	\$6,577.57	\$33,527.17	\$26,944.20	\$6,582.97	\$5.40	0.0%
800	240,000	\$44,673.27	\$35,925.60	\$8,747.67	\$44,680.47	\$35,925.60	\$8,754.87	\$7.20	0.0%
1,000	300,000	\$55,824.77	\$44,907.00	\$10,917.77	\$55,833.77	\$44,907.00	\$10,926.77	\$9.00	0.0%
1,500	450,000	\$83,703.52	\$67,360.50	\$16,343.02	\$83,717.02	\$67,360.50	\$16,356.52	\$13.50	0.0%
3,000	900,000	\$167,339.77	\$134,721.00	\$32,618.77	\$167,366.77	\$134,721.00	\$32,645.77	\$27.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/(1)-----/(-----/(-----/(1) vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	180,000	\$34,040.17	\$27,462.60	\$6,577.57	\$34,045.57	\$27,462.60	\$6,582.97	\$5.40	0.0%
800	240,000	\$45,364.47	\$36,616.80	\$8,747.67	\$45,371.67	\$36,616.80	\$8,754.87	\$7.20	0.0%
1,000	300,000	\$56,688.77	\$45,771.00	\$10,917.77	\$56,697.77	\$45,771.00	\$10,926.77	\$9.00	0.0%
1,500	450,000	\$84,999.52	\$68,656.50	\$16,343.02	\$85,013.02	\$68,656.50	\$16,356.52	\$13.50	0.0%
3,000	900,000	\$169,931.77	\$137,313.00	\$32,618.77	\$169,958.77	\$137,313.00	\$32,645.77	\$27.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 350

**KWh Split:** - On-Peak 50%  
- Off-Peak 50%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	210,000	\$37,972.72	\$30,809.10	\$7,163.62	\$37,979.02	\$30,809.10	\$7,169.92	\$6.30	0.0%
800	280,000	\$50,607.87	\$41,078.80	\$9,529.07	\$50,616.27	\$41,078.80	\$9,537.47	\$8.40	0.0%
1,000	350,000	\$63,243.02	\$51,348.50	\$11,894.52	\$63,253.52	\$51,348.50	\$11,905.02	\$10.50	0.0%
1,500	525,000	\$94,830.89	\$77,022.75	\$17,808.14	\$94,846.65	\$77,022.75	\$17,823.90	\$15.76	0.0%
3,000	1,050,000	\$189,594.52	\$154,045.50	\$35,549.02	\$189,626.02	\$154,045.50	\$35,580.52	\$31.50	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00052)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	210,000	\$38,598.52	\$31,434.90	\$7,163.62	\$38,604.82	\$31,434.90	\$7,169.92	\$6.30	0.0%
800	280,000	\$51,442.27	\$41,913.20	\$9,529.07	\$51,450.67	\$41,913.20	\$9,537.47	\$8.40	0.0%
1,000	350,000	\$64,286.02	\$52,391.50	\$11,894.52	\$64,296.52	\$52,391.50	\$11,905.02	\$10.50	0.0%
1,500	525,000	\$96,395.39	\$78,587.25	\$17,808.14	\$96,411.15	\$78,587.25	\$17,823.90	\$15.76	0.0%
3,000	1,050,000	\$192,723.52	\$157,174.50	\$35,549.02	\$192,755.02	\$157,174.50	\$35,580.52	\$31.50	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00052)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	210,000	\$39,203.32	\$32,039.70	\$7,163.62	\$39,209.62	\$32,039.70	\$7,169.92	\$6.30	0.0%
800	280,000	\$52,248.67	\$42,719.60	\$9,529.07	\$52,257.07	\$42,719.60	\$9,537.47	\$8.40	0.0%
1,000	350,000	\$65,294.02	\$53,399.50	\$11,894.52	\$65,304.52	\$53,399.50	\$11,905.02	\$10.50	0.0%
1,500	525,000	\$97,907.39	\$80,099.25	\$17,808.14	\$97,923.15	\$80,099.25	\$17,823.90	\$15.76	0.0%
3,000	1,050,000	\$195,747.52	\$160,198.50	\$35,549.02	\$195,779.02	\$160,198.50	\$35,580.52	\$31.50	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00052)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 400

**KWh Split:** - On-Peak 45%  
- Off-Peak 55%

		/(1)-----/-----/(2)-----/(1 vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	240,000	\$42,820.27	\$35,210.40	\$7,609.87	\$42,827.47	\$35,210.40	\$7,617.07	\$7.20	0.0%
800	320,000	\$57,071.27	\$46,947.20	\$10,124.07	\$57,080.87	\$46,947.20	\$10,133.67	\$9.60	0.0%
1,000	400,000	\$71,322.27	\$58,684.00	\$12,638.27	\$71,334.27	\$58,684.00	\$12,650.27	\$12.00	0.0%
1,500	600,000	\$106,949.77	\$88,026.00	\$18,923.77	\$106,967.77	\$88,026.00	\$18,941.77	\$18.00	0.0%
3,000	1,200,000	\$213,832.27	\$176,052.00	\$37,780.27	\$213,868.27	\$176,052.00	\$37,816.27	\$36.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/(1)-----/-----/(2)-----/(1 vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	240,000	\$43,535.47	\$35,925.60	\$7,609.87	\$43,542.67	\$35,925.60	\$7,617.07	\$7.20	0.0%
800	320,000	\$58,024.87	\$47,900.80	\$10,124.07	\$58,034.47	\$47,900.80	\$10,133.67	\$9.60	0.0%
1,000	400,000	\$72,514.27	\$59,876.00	\$12,638.27	\$72,526.27	\$59,876.00	\$12,650.27	\$12.00	0.0%
1,500	600,000	\$108,737.77	\$89,814.00	\$18,923.77	\$108,755.77	\$89,814.00	\$18,941.77	\$18.00	0.0%
3,000	1,200,000	\$217,408.27	\$179,628.00	\$37,780.27	\$217,444.27	\$179,628.00	\$37,816.27	\$36.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/(1)-----/-----/(2)-----/(1 vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	240,000	\$44,226.67	\$36,616.80	\$7,609.87	\$44,233.87	\$36,616.80	\$7,617.07	\$7.20	0.0%
800	320,000	\$58,946.47	\$48,822.40	\$10,124.07	\$58,956.07	\$48,822.40	\$10,133.67	\$9.60	0.0%
1,000	400,000	\$73,666.27	\$61,028.00	\$12,638.27	\$73,678.27	\$61,028.00	\$12,650.27	\$12.00	0.0%
1,500	600,000	\$110,465.77	\$91,542.00	\$18,923.77	\$110,483.77	\$91,542.00	\$18,941.77	\$18.00	0.0%
3,000	1,200,000	\$220,864.27	\$183,084.00	\$37,780.27	\$220,900.27	\$183,084.00	\$37,816.27	\$36.00	0.0%

Present Rates

Proposed Rates

Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.36		\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)		(\$0.00052)
Transition Charge	KWh x	\$0.00497		\$0.00497
Transmission Charge	KWh x	\$0.00629		\$0.00629
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA

Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

### Impact on G-3 Default Service Customers

Hours Use: 450

**KWh Split:**

- On-Peak	45%
- Off-Peak	55%

		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	270,000	\$47,790.14	\$39,611.70	\$8,178.44	\$47,798.25	\$39,611.70	\$8,186.55	\$8.11	0.09
800	360,000	\$63,697.77	\$52,815.60	\$10,882.17	\$63,708.57	\$52,815.60	\$10,892.97	\$10.80	0.09
1,000	450,000	\$79,605.39	\$66,019.50	\$13,585.89	\$79,618.90	\$66,019.50	\$13,599.40	\$13.51	0.09
1,500	675,000	\$119,374.46	\$99,029.25	\$20,345.21	\$119,394.71	\$99,029.25	\$20,365.46	\$20.25	0.09
3,000	1,350,000	\$238,681.64	\$198,058.50	\$40,623.14	\$238,722.15	\$198,058.50	\$40,663.65	\$40.51	0.09

### Present Rates

### Proposed Rates

Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.36	\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00052)
Transition Charge	KWh x	\$0.00497	\$0.00497
Transmission Charge	KWh x	\$0.00629	\$0.00629
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

### Supplier Services

Energy Charge	KWh x	\$0.14671	SEMA	\$0.14671	SEMA
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		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	270,000	\$48,594.74	\$40,416.30	\$8,178.44	\$48,602.85	\$40,416.30	\$8,186.55	\$8.11	0.0%
800	360,000	\$64,770.57	\$53,888.40	\$10,882.17	\$64,781.37	\$53,888.40	\$10,892.97	\$10.80	0.0%
1,000	450,000	\$80,946.39	\$67,360.50	\$13,585.89	\$80,959.90	\$67,360.50	\$13,599.40	\$13.51	0.0%
1,500	675,000	\$121,385.96	\$101,040.75	\$20,345.21	\$121,406.21	\$101,040.75	\$20,365.46	\$20.25	0.0%
3,000	1,350,000	\$242,704.64	\$202,081.50	\$40,623.14	\$242,745.15	\$202,081.50	\$40,663.65	\$40.51	0.0%

### Present Rates

### Proposed Rates

Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.36	\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00052)
Transition Charge	KWh x	\$0.00497	\$0.00497
Transmission Charge	KWh x	\$0.00629	\$0.00629
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

### Supplier Services

Energy Charge	KWh x	\$0.14969 WCMA	\$0.14969 WCMA
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		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	270,000	\$49,372.34	\$41,193.90	\$8,178.44	\$49,380.45	\$41,193.90	\$8,186.55	\$8.11	0.0%
800	360,000	\$65,807.37	\$54,925.20	\$10,882.17	\$65,818.17	\$54,925.20	\$10,892.97	\$10.80	0.0%
1,000	450,000	\$82,242.39	\$68,656.50	\$13,585.89	\$82,255.90	\$68,656.50	\$13,599.40	\$13.51	0.0%
1,500	675,000	\$123,329.96	\$102,984.75	\$20,345.21	\$123,350.21	\$102,984.75	\$20,365.46	\$20.25	0.0%
3,000	1,350,000	\$246,592.64	\$205,969.50	\$40,623.14	\$246,633.15	\$205,969.50	\$40,663.65	\$40.51	0.0%

### Present Rates

### Proposed Rates

Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.36	\$1.36
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01113
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00052)
Transition Charge	KWh x	\$0.00497	\$0.00497
Transmission Charge	KWh x	\$0.00629	\$0.00629
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

### Supplier Services

Energy Charge	KWh x	\$0.15257 NEMA	\$0.15257 NEMA
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Massachusetts Electric Company  
Estimated Impact of LAMP - Years 2 and 3  
Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 500

**KWh Split:** - On-Peak 45%  
- Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total SEMA	Default Service SEMA	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	300,000	\$52,760.02	\$44,013.00	\$8,747.02	\$52,769.02	\$44,013.00	\$8,756.02	\$9.00	0.0%
800	400,000	\$70,324.27	\$58,684.00	\$11,640.27	\$70,336.27	\$58,684.00	\$11,652.27	\$12.00	0.0%
1,000	500,000	\$87,888.52	\$73,355.00	\$14,533.52	\$87,903.52	\$73,355.00	\$14,548.52	\$15.00	0.0%
1,500	750,000	\$131,799.14	\$110,032.50	\$21,766.64	\$131,821.65	\$110,032.50	\$21,789.15	\$22.51	0.0%
3,000	1,500,000	\$263,531.02	\$220,065.00	\$43,466.02	\$263,576.02	\$220,065.00	\$43,511.02	\$45.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00052)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total WCMA	Default Service WCMA	Retail Delivery	Total WCMA	Default Service WCMA	Retail Delivery	Amount	%
600	300,000	\$53,654.02	\$44,907.00	\$8,747.02	\$53,663.02	\$44,907.00	\$8,756.02	\$9.00	0.0%
800	400,000	\$71,516.27	\$59,876.00	\$11,640.27	\$71,528.27	\$59,876.00	\$11,652.27	\$12.00	0.0%
1,000	500,000	\$89,378.52	\$74,845.00	\$14,533.52	\$89,393.52	\$74,845.00	\$14,548.52	\$15.00	0.0%
1,500	750,000	\$134,034.14	\$112,267.50	\$21,766.64	\$134,056.65	\$112,267.50	\$21,789.15	\$22.51	0.0%
3,000	1,500,000	\$268,001.02	\$224,535.00	\$43,466.02	\$268,046.02	\$224,535.00	\$43,511.02	\$45.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00052)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total NEMA	Default Service NEMA	Retail Delivery	Total NEMA	Default Service NEMA	Retail Delivery	Amount	%
600	300,000	\$54,518.02	\$45,771.00	\$8,747.02	\$54,527.02	\$45,771.00	\$8,756.02	\$9.00	0.0%
800	400,000	\$72,668.27	\$61,028.00	\$11,640.27	\$72,680.27	\$61,028.00	\$11,652.27	\$12.00	0.0%
1,000	500,000	\$90,818.52	\$76,285.00	\$14,533.52	\$90,833.52	\$76,285.00	\$14,548.52	\$15.00	0.0%
1,500	750,000	\$136,194.14	\$114,427.50	\$21,766.64	\$136,216.65	\$114,427.50	\$21,789.15	\$22.51	0.0%
3,000	1,500,000	\$272,321.02	\$228,855.00	\$43,466.02	\$272,366.02	\$228,855.00	\$43,511.02	\$45.00	0.0%

		Present Rates		Proposed Rates	
Customer Charge			\$67.27		\$67.27
Distribution Demand Charge	KW x		\$3.63		\$3.63
Transition Demand Charge	KW x		\$1.36		\$1.36
Distribution Charge: On Peak	KWh x		\$0.01110		\$0.01113
Distribution Charge: Off Peak	KWh x		(\$0.00055)		(\$0.00052)
Transition Charge	KWh x		\$0.00497		\$0.00497
Transmission Charge	KWh x		\$0.00629		\$0.00629
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050

Supplier Services

Energy Charge KWh x \$0.15257 NEMA \$0.15257 NEMA